

Nº 16.

Apl 5<sup>th</sup> 1890.

May 30<sup>th</sup> 1890.

Dr 3195 to 3227.

Hyd- 2251 to 2316.

4440 Sigbee

~~4609~~ Turns on reel 220

Correction Table No 2 Reel Cor. ~~455~~

Lev	Turns	Cor	Turns	Cor	Turns
0	50	31	1650	120	3200
0	100	33	1700	123	3200
0	150	35	1750	127	3350
1	200	37	1800	131	3400
1	250	39	1850	135	3450
1	300	41	1900	138	3500
2	350	43	1950	141	3550
2	400	45	2000	145	3600
3	450	47	2050	150	3650
3	500	50	2100	154	3700
4	550	53	2150	158	3750
5	600	55	2200	162	3800
5	650	57	2250	167	3850
6	700	60	2300	171	3900
7	750	63	2350	175	3950
8	800	66	2400	179	4000
9	850	68	2450	184	4050
10	900	71	2500	188	4100
11	950	74	2550	193	4150
12	1000	77	2600	197	4200
13	1050	80	2650	202	4250
14	1100	83	2700	206	4300
15	1150	86	2750	211	4350
16	1200	89	2800	216	4400
18	1250	92	2850	220	4440
19	1300	95	2900		
21	1350	99	2950		
22	1400	102	3000		
24	1450	106	3050		
25	1500	109	3100		
27	1550	113	3150		
29	1600	116	3200		

<sup>220</sup>  
<sup>189</sup>  
 Tanager <sup>31</sup> <sup>34</sup> <sup>33</sup> <sup>30</sup>  
 4446 32 34 33 30  
 334 189  
 408 turns <sup>33</sup> <sup>30</sup>  
 10 408 turns <sup>33</sup> <sup>30</sup>

Turns 16 to 38 +1 42 to 72 +1  
39 to 70 +2 73 to 94 +2  
71 to 103 +3 95 to 157 +3  
106 to 142 +4 158 to 195 +4  
143 to 190 +5 196 to 357 +5  
261 to 384 +7 358 to 408 +6

Abbreviations for Bolton

Abb.	Equivalent	Abb.	Equivalent
C	Clay	fine	fine
Cor.	Coral	hard	hard
G.	Gravel	large	large
Glob.	Globigerina	rocky	rocky
M.	Mud	soft	soft
Oz.	Ooze	small	small
P.	Pebbles	sticky	sticky
R.	Rocks	black	black
S.	Sand	brown	brown
Sh	Shells	blue	blue
Sp.	Specks	chocolate	chocolate
St	Stones	dark	dark
brk	Broken	red	red
gy	gray	slate	slate
lt	light	yellow	yellow
wh	white	green	green
crs	Coarse		

$$\begin{array}{r} 255 \\ 100 \\ \hline 45 \\ \hline \text{Wm} \end{array}$$

$$\begin{array}{r} 4519 \\ 494 \\ \hline 4025 \\ \hline \text{J. H. Watson} \end{array}$$

$$\begin{array}{r} 4609 \\ 808 \\ \hline 3801 \end{array}$$

JCB  
607

No. 3195 *82* Date April 5 1890  
Machine. *2* Reel.

*Sigsbee*  
Turns 232 Cor. + 20 Depth 252 fms

Shot or lead 38 lb.

Bottom gn m

Bottom temperature 43.30

No. of Thermometer 62369 Cor. - 0.1°

Corrected temperature 43.20

Air 57 Surface 57 Drift. SE x E 0.8

Trawl or dredge or tangles Large beam

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>PM</i>					
12 02.30	08.40	0	12 11.40	11-	
03.30	07.55	100	16.30	07.25	
04.25	07.15	200	20.15	04.65	
04.45	12.07 00	300	24.10	02	
		400	26.30	07.30	
		500	27.55	04.02	
		600*	30.45	12.47.00	
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
		2400			

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

1 doz deep Sea Sole. 1 Ling fin Sole  
 1/2 " Rock fish 6 Hag fish 1/2 doz Eel  
 pout. 3 umbrella squids 1 buell of  
 Sea urchins (3 species) 3 spo shrimp  
 1 Rock starfish Scaly Anemones  
 1/2 doz Holothurians

567  
JCB

No. 2251 Key Date April 30 1890

Sigsbee Machine. 2 Reel.

Turns 205 Cor. + 19 Depth 224 fms

Shot or lead 38 lbs

Bottom gn M

Bottom temperature 43.1°

No. of Thermometer 62369 Cor. -0.1°

Corrected temperature 43°

Air 56 Surface 54 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1 54.05	59.15	0		
55.00	58.30	100		
56.00	57.42	200		
56.01	1.57.40	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

*1400 deep sea sole 1 long fin sole*

507  
JEB

No. 2252 Bay Date April 5 90  
Tanner Machine. Reel.  
 Turns 115 Cor. + 4 Depth 119 fms  
 Shot or lead 25 lbs  
 Bottom gn. m. + Rk  
 Bottom temperature 45.1'  
 No. of Thermometer 62369 Cor. -0.1°  
 Corrected temperature 45°  
 Air 56 Surface 54 Drift.  
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2 27.45	32.30	0		
28.40	29.20	100		
28.45	28.50	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

No. 2253 Key Date April 5 1890  
 Sigbee Machine. #2 Reel.

Turns 131 Cor. + 12 Depth 143 fm

Shot or lead 38 lb

Bottom gn. M.

Bottom temperature 45°

No. of Thermometer 62369 Cor. - 0.1°

Corrected temperature 45°

Air 55 Surface 54 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.15.45	19.30	0		
16.45	18.55	100		
17.10	18.15	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3176 *jr* Date April 22 18

Sigsbee Machine. Reel.

Turns 182 Cor. + 18 Depth 200

Shot or lead 35

Bottom *gn. m.*

Bottom temperature

No. of Thermometer 62369 Cor. - 0.1°

Corrected temperature 44.1°

Air *6* Surface *50* Drift. *S 1/2 E*

Trawl or dredge or tangles *Lucas Beam*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	0 1.50	0	4.07.15	5
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2191 1887, Date

Machine. Reel.

Turns 76 Cor. + ~ Depth

Shot or lead

Bottom

Bottom temperature 48No. of Thermometer 62564 Cor. -0.1Corrected temperature 48.4Air 54 Surface 54 Drift. 1.5 E 1/2 NTrawl or dredge or tangles large beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



No. *2254* *Hyd.* DateMachine. *2* Reel.Turns *167* Cor. + *15* DepthShot or lead *3*

Bottom

Bottom temperature *4*No. of Thermometer *64364* Cor. *-0.1*Corrected temperature *44.7*Air *54.0* Surface *53.0* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *33* Date *Apr 5/90.*Machine. Reel. *2*Turns *130* Cor. + *12* Depth *142*Shot or lead *38 lbs*Bottom *gn m*Bottom temperature *46*No. of Thermometer *62369* Cor. - *0.1°*Corrected temperature *45.9°*Air *54* Surface *53* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*8-26-0**82-0**0**28-0**80-30**100**29-0**84-50-0**30**200**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1111* Date *21 Aug 1881*

*Agassiz* Machine. Reel. *1*

Turns *122* Cor. + *11* Depth *133*

Shot or lead *38 lbs.*

Bottom *gn. m.*

Bottom temperature *46.1*

No. of Thermometer *62569* Cor. *-0.1°*

Corrected temperature *46°*

Air *57* Surface *54* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9-11-0</i>	<i>16-0</i>	0		
<i>13-0</i>	<i>9-13-30</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer

Cor. - 0.1°

Corrected temperature

Air

Surface

Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

5071  
2171

No. 2258 1/4. Date Apr 5/90.

Tanner Machine. Reel.

Turns 45 Cor. + 2 Depth 47

Shot or lead 25

Bottom gn. sh. M.

Bottom temperature 49

No. of Thermometer 62364 Cor. -0.1°

Corrected temperature 48.9°

Air 54 Surface 54 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-22-0	10-23-30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2259 Date 24 June 1900

Tanner Machine. Reel.

Turns 42 Cor. + 2 Depth 44

Shot or lead

Bottom Kt m

Bottom temperature 49.1

No. of Thermometer 62369 Cor. -0.1

Corrected temperature 49.0

Air 57 Surface 57 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

11-19-0

11-21-0

TURNS.

0  
100  
200  
300  
400  
500  
600  
700  
800  
900  
1000  
1100  
1200  
1300  
1400  
1500  
1600  
1700  
1800  
1900  
2000  
2100  
2200  
2300  
2400

DREDGE ROPE.

DOWN.

UP.

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *11* Date *Apr 6/19*  
*Tanner* Machine. Reel.

Turns *153* Cor. + *5* Depth *158*

Shot or lead *25*

Bottom *—*

Bottom temperature *45.2*

No. of Thermometer *62369* Cor. - *0.1*

Corrected temperature *45.6*

Air *54* Surface *54* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12</i>	<i>12-0</i>	0		
<i>8-0</i>	<i>10-0</i>	100		
<i>9-0</i>	<i>12-9-30</i>	153		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2261 Date May 11/02

Sigsbee Machine #2 Reel.

Turns 256 Cor. + 24 Depth 274 fms

Shot or lead 38 lb.

Bottom M. + S

Bottom temperature 42.4'

No. of Thermometer 62369 Cor. -0.1

Corrected temperature 42.3'

Air 54 Surface 54 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

38 30

49.58

0

40 30

48.48

100

42 00

47.20

200

44 00

46.00

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

No. 2712 Key Date Aug 6, 1901

Rebee Machine. #2 Reel.

Turns 285 Cor. + 27 Depth 312 fms

Shot or lead 38#.

Bottom gn. vl.

Bottom temperature 41.5

No. of Thermometer 62369 Cor. - 0.1

Corrected temperature 41.4

Air 54 Surface 55 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

1 25 18

44 50

0

36 30

43 20

100

47 30

42 30

200

58 30

41 40

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2212 Date April 1890

Sigsbee Machine. #2 Reel.

Turns 22 - Cor. 1 70 Depth 100 fms

Shot or lead 38 lbs.

Bottom gm. m.

Bottom temperature 42.3°

No. of Thermometer 62369 Cor. -0.1

Corrected temperature 42.2°

Air 52 Surface 54 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

12.45	24.05	0
18.45	23.03	100
19.45	21.00	200
20.15	20.45	300
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2261 by Date April 6, 1890  
 Tanner Machine. — Reel.

Turns 135 Cor. + 4 Depth 139 fms

Shot or lead 25-lb

Bottom 1

Bottom temperature 46.0

No. of Thermometer 62069 Cor. - 0.

Corrected temperature 46.4°

Air 54 Surface 54 Drift.

Trawl or dredge or tangles

# SOUNDING WIRE.

DOWN.

UP.

TURNS.

# DREDGE ROPE.

DOWN.

UP.

2	45.30	48.12	0
	46.25	47.40	100
	46.40	46.50	200
			300
			400
			500
			600
			700
			800
			900
			1000
			1100
			1200
			1300
			1400
			1500
			1600
			1700
			1800
			1900
			2000
			2100
			2200
			2300
			2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2265 Date Apr. 1, 1880.

Tanner Machine. Reel.

Turns 65 Cor. 1 2 Depth 67~~Shot or lead~~ 25 lb.Bottom M. M.Bottom temperature 48.1°No. of Thermometer 62367 Cor. ..Corrected temperature 48.Air 53 Surface 52 Drift.~~Trawl or dredge or tangles~~

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

01.4004.20

0

12.453.15

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2266 Date May 1 1881

Machine. Reel.

Turns 57 Cor. + 2 Depth 53 fms.

Shot or lead 25 lbs.

Bottom bk. s. m.

Bottom temperature 48.3

No. of Thermometer 62367 Cor.

Corrected temperature 48.7

Air 52 Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS:

DREDGE ROPE.

DOWN.

UP.

3.21.00

3.21.00

0

21 25

3.21.25

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*1103*

No. *2267* Date *Aug 5 1881*

*Sigsbee* Machine. *#2* Reel.

Turns *160* Cor. + *14* Depth

Shot or lead *35*

Bottom *an. M*

Bottom temperature *46.1°*

No. of Thermometer *62369* Cor. -

Corrected temperature *46°*

Air *53* Surface *52* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine. *W* Reel.

Turns

Cor. +

*24*

Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer

Cor. -

Corrected temperature *42.16*Air *57*Surface *53*Drift. *1 50*Trawl or dredge or tangles *large beam & mud bag*

## SOUNDING WIRE.

DOWN.

UP.

## TURNS:

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



No.

907

Date

Oct 6

Machine.

Reel.

2

Turns 214

Cor. +

19

Depth 233

Shot or lead 381

Bottom gn. cc.

Bottom temperature 44°

No. of Thermometer 62369

Cor. -0.

Corrected temperature 43.9°

Air

16°

Surface

52°

Drift. 1/2 m

Trawl or dredge or tangles

Large B

## SOUNDING WIRE.

DOWN. UP.

8-30

14-0

## TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

## DREDGE ROPE.

DOWN. UP.

9-16-0

22-30

16-30

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

2. Sebastopol  
 3. Bk Lord.  
 6. Dub. In. ...  
 3. ...  
 Not if ...  
 preceding?

11777 3600

No. 3600 Date 11/11

Machine. Reel. 2

Turns 542 Cor. + 23 Depth 565

Shot or lead

Bottom gy. sh.

Bottom temperature 43.2

No. of Thermometer 62369 Cor. - 0.1

Corrected temperature 43.1

Air 56 Surface 52 Drift.

Trawl or dredge or tangles 1200

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
15-0	23-0	0	11-24-0	
7-0	22-3	100	31	
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 5261 Date

Machine. Reel.

Turns 536 Cor. + Depth

Shot or lead 38 lb.

Bottom

Bottom temperature 43

No. of Thermometer Cor. - 0.1

Corrected temperature 42.9

Air 64 Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS. 113

( )

No. 2268 Date April 4 1890

Tanner Machine. Reel.

Turns 25 Cor. 1 5 Depth 25 fms

Shot or lead 25

Bottom gn M + R

Bottom temperature 41.7'

No. of Thermometer 62364 Cor. +0.1°

Corrected temperature 41.8°

Air 61 Surface 61 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN. UP.

7.55.12  
56.03 - 03.20  
57.45 8.00.40  
58.40 7.58.41

TURNS.

0  
100  
200  
300  
400  
500  
600  
700  
800  
900  
1000  
1100  
1200  
1300  
1400  
1500  
1600  
1700  
1800  
1900  
2000  
2100  
2200  
2300  
2400

DREDGE ROPE.

DOWN. UP.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2267 Date 1890

Machine. Reel.

Turns Cor. + 6 Depth

Shot or lead

Bottom m

Bottom temperature

No. of Thermometer Cor.

Corrected temperature 47.5

Air 61 Surface Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

46.00 8.46.30

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *10* DateMachine. *Reel.*Turns *223* Cor. + *5* Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer *62364* Cor. *-0.*Corrected temperature *42.4*Air *63°* Surface *56°* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

No. 2271 Date 1890

Machine. Reel.

Turns 050 Cor. + 6 Depth 3

Shot or lead

Bottom

Bottom temperature

No. of Thermometer Cor. + 0.1'

Corrected temperature 41.1''

Air Surface Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2272 Hyd. Date 14

Machine. — Reel.

Turns 119 Cor. + 4 Depth

Shot or lead

Bottom S. G.Bottom temperature 44No. of Thermometer 61564 Cor. -0.1Corrected temperature 44.7Air 61° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1549* Date *Aug 15*

Machine. — Reel.

Turns *550* Cor. + *0* Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer *67569* Cor. - *0*Corrected temperature *46.7°*Air *61°* Surface *55°* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1111* Date *July 11/90**Cannari* Machine. — Reel.Turns *35* Cor. + *1* Depth *26*Shot or lead *25 lbs*Bottom *Rocky*Bottom temperature *49.4*No. of Thermometer *62369* Cor. *-0.1*Corrected temperature *49.3°*Air *60* Surface *54* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2210 No. Date April 11/11

Sigsbee Machine. 2 Reel.

Turns 808 Cor. + 73 Depth 881 fms

Shot or lead 38 lb

Bottom

Bottom temperature 38°

No. of Thermometer 62369 Cor. + 0.1°

Corrected temperature 38.1°

Air 55 Surface 50 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

7M DOWN. 4M UP.

## TURNS.

## DREDGE ROPE.

DOWN. UP.

29.45 47.10 0

31.07 3 100

32.15 4 200

33.23 5 300

34.31 6 400

35.39 7 500

36.47 8 600

37.55 9 700

39.03 10 800

40.11 11 900

41.19 12 1000

42.27 13 1100

43.35 14 1200

44.43 15 1300

45.51 16 1400

46.59 17 1500

48.07 18 1600

49.15 19 1700

50.23 20 1800

51.31 21 1900

52.39 22 2000

53.47 23 2100

54.55 24 2200

56.03 25 2300

57.11 26 2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2276* Key Date *Apr 11. 1890**Sigsbee* Machine. *N<sup>o</sup> 2* Reel.Turns *4* Cor. *1* Depth *57 fms*Shot or lead *38 lb*Bottom *gn. M.*Bottom temperature *39.2°*No. of Thermometer *62369* Cor. *+0.1°*Corrected temperature *39.3*Air *54* Surface *52* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>26.35</i>	<i>38.00</i>	0		
<i>26.45</i>	<i>37.15</i>	100		
<i>26.55</i>	<i>36.05</i>	200		
<i>27.10</i>	<i>35.15</i>	300		
<i>30.45</i>	<i>33.15</i>	400		
<i>31.32</i>	<i>31.45</i>	<i>420</i> 500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

No. 7-0257 Date April 11/90

Machine. Reel. 2

Turns 350 Cor. + 32 Depth 382

Shot or lead 38 lbs.

Bottom Gr. M. M.

Bottom temperature 41

No. of Thermometer 62369 Cor. + 0.1

Corrected temperature 41.10

Air 57 Surface 52 Drift. NE-0.5

Trawl or dredge or tangles Large Beam

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

40.15 1.01.01.

43.35 1.59.00

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2277 Date 1881

Machine. Reel.

Turns 65 Cor. + / Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer 62369 Cor.

Corrected temperature 47.7°

Air 58 Surface 55 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 5102 81- Date

Machine. Reel.

Turns 135 Cor. + 3 Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer 62367 Cor. - 0.1

Corrected temperature 44.7°

Air 55° Surface 54° Drift.

Trawl or dredge or tangles N + W - 0.2

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

3

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

*W.H.P. J.E.B.*

No. *1100* Date *March 12 1900*

*Sigsbee* Machine. Reel. *2*

Turns *185* Cor. + *17* Depth *202*

Shot or lead *38*

Bottom *bk. S.*

Bottom temperature *44.2*

No. of Thermometer *64369* Cor. *-0.1*

Corrected temperature *44.1*

Air *6* Surface *50* Drift. *1.0 1.0*

Trawl or dredge or tangles *1.0 1.0*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11-31-0</i>	<i>27 0</i>	0	<i>7-30-0</i>	<i>46.0</i>
<i>23-0</i>	<i>26-0</i>	100	<i>30 0</i>	
<i>24 0</i>	<i>7-25-0</i>	200	<i>40 0</i>	
		300	<i>45 0</i>	
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

20 long lined slender  
 a large Atherine  
 etnica 3  
 3 species hook fish 10 specimens 1 Salas-  
 11

5 Feb 13

No. 3205-<sup>104</sup> Date Apr

Sigsbee Machine. \* 2 Reel.

Turns 220 Cor. + 20 Depth

Shot or lead 38 lbs

Bottom K. S + R.

Bottom temperature 43.6

No. of Thermometer 02365 Cor.

Corrected temperature 43.7°

Air 50 Surface 57 Drift. 0.5

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

50

316 11.1

30

3.

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

57 11.1

0

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	came up somewhat			
50	low, on the way down			
100	large rocks.			
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

3 *Stomatopoda*, 1 *Stomatopoda*  
 1 *Stomatopoda* at bottom of net, 1 *Stomatopoda*  
 1 *Stomatopoda* at bottom of net, 1 *Stomatopoda*  
*Stomatopoda*  
*Stomatopoda*

No. 32065<sup>2</sup> Date April 2 1892

Sigsbee Machine. <sup>2</sup> Reel.

Turns 185 Cor. + 14 Depth 64 fms

Shot or lead 38 lb

Bottom

Bottom temperature Not known

No. of Thermometer 62369 Cor. —

Corrected temperature

Air 50° Surface 51° Drift. N. W. 8'

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

31.5

15



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	74.5	100	0.0	74.5
50	74.5	100	0.0	74.5
100	74.5	100	0.0	74.5
200	74.5	100	0.0	74.5
300	74.5	100	0.0	74.5
400	74.5	100	0.0	74.5
500	74.5	100	0.0	74.5
600	74.5	100	0.0	74.5
700	74.5	100	0.0	74.5
800	74.5	100	0.0	74.5
900	74.5	100	0.0	74.5
1000	74.5	100	0.0	74.5

REMARKS.

1 - 100 fathoms  
2 - 100 fathoms  
1 - 100 fathoms

No. 32004 Date

Machine. 2 Reel.

Turns 90 Cor. + 10 Depth 108 fms

Shot or lead 35 lb

Bottom

Bottom temperature

No. of Thermometer 62484 Cor. - 0.

Corrected temperature 45.8

Air 48 Surface 50 Drift. N. N. W. 1.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

No.

Date

17

Sigsbee

Machine.

Reel.

Turns 185 Cor. +

Depth

Shot or lead

Bottom S

Bottom temperature

No. of Thermometer

Cor.

Corrected temperature 44.3

Air

Surface

Drift.

NW 1.0

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

## DREDGE, ROPE.

DOWN.

UP.



No. *5* Date *Oct 11 1881*

Machine. Reel.

Turns *125* Cor. + *16* Depth *141*Shot or lead *35 lbs.*Bottom *gy. sh.*Bottom temperature *45.6*No. of Thermometer *62487* Cor. *-0.2*Corrected temperature *45.4°*Air *50°* Surface *50°* Drift. *1.0 7.24*

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	<i>P. 5</i> DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P. 10</i> <i>5-37-00</i>	<i>P. 10</i> <i>42-00</i>	0	<i>5-46-0</i>	<i>31-0</i>
<i>39-00</i>	<i>5-40-00</i>	100		
		200	<i>4-0</i>	<i>16-0</i>
		300	<i>57.30</i>	<i>6-13-0</i>
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

1 dog fish seen  
 1 pair flounders (2 sp)  
 1 rock fish (2 sp)  
 1 young shark  
 2 barrel of fish  
 many small fish  
 1 sp. small fish

No. 3210 N Date May 21 1899Machine. \*2 Reel. ReelTurns 442 Cor. + 41 Depth 483~~Shot or lead~~

Bottom

Bottom temperature <sup>9<sup>n</sup></sup>No. of Thermometer 62849 Cor. - 0Corrected temperature 38.5Air 42 Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<u>10 15 45</u>	<u>1 5 00</u>
<u>11.30</u>	<u>56.30</u>	100	<u>01 30</u>	<u>10 30</u>
		200		
<u>50</u>	<u>52.00</u>	300		
<u>45.00</u>	<u>11.00</u>	400		
<u>46.30</u>	<u>11.00</u>	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

~~Shot or lead~~

Bottom

Bottom temperature 31

No. of Thermometer 6

Cor. 0

Corrected temperature 38.2

Air

Surface

Drift. S. 5 m. 20

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

45-30

100

43-10

200

40-30

300

37-30

400

34-15

500

30-30

600

12-27-30

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

*few Shrimps*  
*3 fish*  
*1 Holothur*  
*12 Purple*  
*1 Squid*

No. *2247* Date *March 21 1900*Machine. Reel. *2*Turns *248* Cor. + *23* Depth *271*Shot or lead *35*Bottom *M. gy. S. bk. P. M.*Bottom temperature *39*No. of Thermometer *63849* Cor. -Corrected temperature *39.0*Air *44* Surface *44* Drift. *0*

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

SOUNDING WIRE.		TURNS:	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P. W.</i>				
<i>1-35-0</i>	<i>113-0</i>	0		
<i>37-0</i>	<i>12-10</i>	100		
	<i>14-10</i>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

V/ No. 3212 Date May 3

Machine. Reel. 2

Turns 47 Cor. 4 Depth 49

Shot or lead 35 lb

Bottom gy-S brk. sh

Bottom temperature 38

No. of Thermometer Cor.

Corrected temperature 38.0

Air 30 Surface 10.5 Drift. 1/2 m. W.

Trawl or dredge or tangles Large

SOUNDING WIRE.

TURNS.

NEW DREDGE ROPE.

DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		







	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

1/2 peck Shrimp  
 Lot 1000 Dollars Shell  
 Spheroidea - Hermit Corals  
 Star fish Polygon Worms  
 Sponge Actinaria

No. 7214 Date Oct

Machine. Reel

Turns 87 Cor. + Depth

~~Shot or lead~~

Bottom gy. S + G

Bottom temperature 52.1

No. of Thermometer Cor. —

Corrected temperature —

Air 34 Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25			λ	
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 5215212 Date

Machine. — Reel.

Turns 22 Cor. + / Depth 14 3/4 fms

Shot or lead 25

Bottom S.

Bottom temperature

No. of Thermometer 62844 Cor. —

Corrected temperature 38.5

Air 30 Surface 13 Drift. N. 1/2 W. 1/2 mi.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
18 1/2	7 1/2	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *3216*Date *May 11 1881**Tanner* Machine. Reel. *1*Turns *60* Cor. + *1* Depth *61*Shot or lead *25 lbs.*Bottom *bk s + m*Bottom temperature *none taken*No. of Thermometer *—* Cor. *—*Corrected temperature *—*Air *35* Surface *43* Drift. *—*Trawl or dredge or tangles *large*

## SOUNDING WIRE.

DOWN.

UP.

*9-6-0* *9-8-0*

## TURNS.

*0*

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

## DREDGE ROPE.

DOWN.

UP.

*9-8-0* *49-**12-0**17-0*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

260

11

No. 3277 Date

Machine. Reel.

Turns 41 Cor. 4 Depth

~~Shot or lead~~

Bottom

Bottom temperature

No. of Thermometer Cor. 6

Corrected temperature —

Air 34 Surface Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

1. Basket fish, Shrimps, Lobster  
 (small)

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

~~Shot or lead~~

Bottom

th. S.

Bottom temperature

No. of Thermometer

Cor. —

Corrected temperature 37.2

Air

Surface

Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

No. 1111 Date July 22

Machine. Reel.

Turns 58 Cor. + 1 Depth 59~~Shot or lead~~Bottom M. S. G.Bottom temperature 38°No. of Thermometer 62849 Cor. —Corrected temperature 38°Air 39 Surface 42 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

✓ DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2311* Date *Oct 1 1881*

*Waver* Machine. — Reel.

Turns *41* Cor. + *1* Depth *42*

Shot or lead *25 lbs.*

Bottom *R + brk Sh.*

Bottom temperature *38.5*

No. of Thermometer *62819* Cor. —

Corrected temperature *38.5*

Air *41* Surface *42* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9-0-0</i>	<i>9-20-0</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *3220* Date *Dec 11*

Machine. Reel.

Turns *33* Cor. + *1* Depth *34*~~Shot or lead~~ *25 lbs.*Bottom *G. brk Sh.*Bottom temperature *none taken*No. of Thermometer *—* Cor. *—*Corrected temperature *—*Air *41* Surface *42* Drift. *8/10 N. S. W.*Trawl or dredge or tangles *Large kelp*

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.	UP.		DOWN.	UP.
<i>11-09-0</i>	<i>11-10-0</i>	<i>0</i>	<i>11-00</i>	<i>—</i>
		100	<i>16-0</i>	<i>11-33-30</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 52212 Date11160 Machine. Reel.Turns 65 Cor. + 1 Depth 66~~Shot or lead~~

Bottom

Bottom temperature 36.1No. of Thermometer 62144 Cor. —Corrected temperature 39.1Air 40 Surface 42 Drift. 2' 21" 21" 21"

Trawl or dredge or tangles

P. 712 SOUNDING WIRE.

DOWN.

UP.

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3222

Date

Machine.

Reel.

Turns 40

Cor. +

/

Depth 50

~~Shot or lead~~

Bottom

Bottom temperature 39.7

No. of Thermometer 62849 Cor. —

Corrected temperature 39.2

Air 40

Surface 40

Drift. 1½ N. S. 1½ W.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*See station*

*large sample*

No. *3223* Date *22/7*  
*Tanner* Machine. Reel.  
 Turns *55* Cor. + *1* Depth *56*  
~~Shot or lead~~ *25 lbs*  
 Bottom *bk P.*  
 Bottom temperature *39*  
 No. of Thermometer *62849* Cor. *-*  
 Corrected temperature *39°*  
 Air *40* Surface *42* Drift. *1m S 10 W*  
 Trawl or dredge or tangles *1/4 W*

P.W. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>35-40</i>	<i>4-38-0</i>	0	<i>4-42-0</i>	
		100		
		150		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

1 ft. Sea Surface  
 Surface temp. 18.5°C

Serial number of

REMARKS.

Sponges. 1 large Skate  
 Hydroids. A. thomasi  
 H. thomasi. Alcyonaria  
 Grabs. small Laccipora  
 etc.

No. *2080* Date *11/12/02*  
*Tanner* Machine. Reel.  
 Turns *174* Cor. + *4* Depth *178*  
 Shot or lead *25 lbs*  
 Bottom *fk s.*  
 Bottom temperature *38.5*  
 No. of Thermometer *62849* Cor. —  
 Corrected temperature *38.5*  
 Air *39* Surface *43* Drift.  
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6-17-15</i>	<i>22-0</i>	0		
<i>18-0</i>	<i>20-30</i>	100		
<i>19-0</i>	<i>6-19-30</i>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.





No. 3225 Date May 22

Tanner Machine. — Reel.

Turns 83 Cor. + 2 Depth 85 fms.

Shot or lead 25 lbs

Bottom bk. S. R.

Bottom temperature 38.6°

No. of Thermometer 6322 Cor. —

Corrected temperature 38.6°

Air 87 Surface 41 Drift. 1' N. 77. 1/4 W.

Trawl or dredge or tangles Long Beach.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0.23.05

25.15

0

9.28.00

11.30

02.45

24.30

100

33.30

08.00

200

39.20

04.50

300

42.35

10.02.15

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

1. In the morning, weather was fair, but  
 wind shifted to the east, and rain  
 fell in the afternoon.

11.23.31

No. 2281 H. J. Date June 22<sup>nd</sup> 1890.

Tanner Machine. Reel.

Turns 78 Cor. 1 2 Depth 80 fms.

Shot or lead 25 lbs.

Bottom y. l. M.

Bottom temperature 38.2°

No. of Thermometer 63902 Cor. —

Corrected temperature 38.2

Air 38 Surface 42 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11.23.31

11.26.31

0

11.44.50

11.44.25

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2282 Date 7 June 90

Sigsbee Machine. Reel.

Turns 78 Cor. 2 Depth 8 fms

Shot or lead 25 lbs

Bottom

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 39 Surface 43 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 22.0	1. 32.0	78		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		





No. 2255 Date Nov 28 1890

Tanner Machine. — Reel

Turns 78 Cor. + 2 Depth 80 fms

~~Shot or~~ lead 25 lbs

Bottom M

Bottom temperature 38.40

No. of Thermometer 63902 Cor. —

Corrected temperature 38.4

Air 38 Surface 41 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3 03.20	06.10	0		
03.55	3.04.55	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *320* Date *Oct 11 1892**Machine.* *Reel.*Turns *86* Cor. + *2* Depth *88*Shot or lead *25 lbs*Bottom *Sh.*Bottom temperature *none taken*No. of Thermometer *63902* Cor. —

Corrected temperature —

Air *36* Surface *41* Drift.

Trawl or dredge or tangles —

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*1st**5-17-0**5-18-0*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2227 Date 10/10/02  
 Tannor Machine. Reel. 0  
 Turns 114 Cor. + 3 Depth 117  
 Shot or lead 75 lbs  
 Bottom S. M.  
 Bottom temperature 38  
 No. of Thermometer 63902 Cor. —  
 Corrected temperature 38°  
 Air 56 Surface 41 Drift.  
 Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.	UP.
35-0	6-36-0

TURNS:

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400

DREDGE ROPE.

DOWN.	UP.
-------	-----

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3226 Date

Machine.

Reel.

Turns 125 Cor. + 3 Depth 128

Shot or lead 15 lbs.

Bottom M. S. sh.

Bottom temperature 38.5

No. of Thermometer 63402 Cor. —

Corrected temperature 38.05

Air 37 Surface 42 Drift. 3/4 mile N by E

Trawl or dredge or tangles On

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

14.00

100

200

300

8.06.15

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

Serpent glass. It is broken  
 1 Red Test. 1 Red Test  
 Arrall Southw. 100 fms  
 199. Rhinops.

No. 2286 Date Mar. 23 1881.

Sigsbee Machine. #2 Reel.

Turns 160 Cor. 1 16 Depth 186 fms.

Shot or lead 35 lbs.

Bottom gn. M.

Bottom temperature 38.6

No. of Thermometer 63902 Cor. —

Corrected temperature 38.6

Air 38 Surface 43 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.03.15	08.00	0		
04.15	07.10	100		
05.00	10.06.30	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
21 11 0 1 4 0 1 0 0	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *3827* Date *May 23<sup>d</sup> 1891*

*Sigsbee* Machine. *#2* Reel.

Turns *205* Cor. *1 20* Depth *225 fms.*

Shot or lead *35 lbs.*

Bottom *gn. M.*

Bottom temperature *38.6*

No. of Thermometer *13477* Cor. *—*

Corrected temperature *38.6*

Air *37* Surface *42* Drift.

Trawl or dredge or tangles *Large Beam*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>55.10</i>	<i>01.35</i>	0	<i>12.01</i>	<i>5</i>
<i>56.05</i>	<i>12.00.40</i>	100	<i>04.45</i>	
<i>57.05</i>		200		
<i>57.08</i>	<i>11.55</i>	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



No. *2281* DateMachine. *2* Reel.Turns *293* Cor. + *27* Depth *320*

Shot or lead

Bottom

Bottom temperature *31*No. of Thermometer *63902* Cor. *—*Corrected temperature *38.02*Air *38* Surface *43* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 228 Date

Machine. Reel.

Turns 540 Cor. + 53 Depth 593

Shot or lead. 35 lb.

Bottom gy. m.

Bottom temperature 37

No. of Thermometer 63902 Cor. —

Corrected temperature 37°

Air 38° Surface 42° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*H.C. 31*

No. 2299 Date *Mar 2*

Tanner Machine. — Reel

Turns *96* Cor. + *3* Depth *99 fms*

Shot or lead *28 lbs.*

Bottom *bk. S.*

Bottom temperature *did not capsize*

No. of Thermometer *63902* Cor. —

Corrected temperature —

Air *42* Surface *44* Drift.

Trawl or dredge or tangles

*J.M.*

SOUNDING WIRE.

DOWN.

UP.

*1 15 0* *28.40*  
*2 6.50* *11.27.00*

TURNS:

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400

DREDGE ROPE.

DOWN.

UP.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000 <sup>1</sup>	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1110* DateMachine. *S* Reel.Turns *11* Cor. + *1* Depth *47*Shot or lead *35 lb*

Bottom

Bottom temperature *38*No. of Thermometer *63902* Cor. *-*Corrected temperature *38°*Air *42* Surface *43* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 7111 Date

Machine. Reel.

Turns 1111 Cor. + 1 Depth 45

Shot or lead

Bottom 94

Bottom temperature 3

No. of Thermometer 6566 Cor. —

Corrected temperature 39°

Air 11.2 Surface 11.5 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN. (111) UP.

## TURNS.

## DREDGE ROPE.

DOWN. UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL-TEMPERATURE:

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2292 Recd Date

Machine. Reel.

Turns 31 Cor. + / Depth 32

Shot or lead

Bottom

Bottom temperature

No. of Thermometer 63952 Cor. —

Corrected temperature —

Air 42 Surface 43 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN. | / UP.

## TURNS.

## DREDGE ROPE.

DOWN. | UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date *1/16**Sigsbee* Machine. Reel.Turns *23* Cor. + *1* Depth *24 fms.*Shot or lead *25 lb.*Bottom *bk S*Bottom temperature *26*No. of Thermometer *—* Cor. *—*

Corrected temperature

Air *1-1* Surface *1-2* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN. *11.00* UP.

## TURNS.

## DREDGE ROPE.

DOWN. UP.

*11.00* *11.35*

0

*11.50* *11.22*

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 7144 Date

Machine. Reel.

Turns 29 Cor. + 1 Depth 30~~Shot or lead~~

Bottom

Bottom temperature

No. of Thermometer 63402 Cor. —Corrected temperature —Air 41 Surface 42 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2250 Date

Machine. Reel.

Turns 27 Cor. + / Depth 28

Shot or lead

Bottom

Bottom temperature

No. of Thermometer 68902 Cor. —

Corrected temperature —

Air 41 Surface 42 Drift.

Trawl or dredge or tangles

*PM*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine.

Reel.

Turns 33 Cor. + 1 Depth 34

Shot or lead

Bottom

Bottom temperature

No. of Thermometer 3362 Cor. —Corrected temperature 40.0Air 41 Surface 41 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2297 Date May 28

Machine. Reel.

Turns 3 Cor. 1 Depth 1Shot or lead 28 lbs.Bottom S. P.Bottom temperature 41.0No. of Thermometer 6555 Cor. —Corrected temperature 41.0Air 41 Surface 42 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

4-11-3

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2270 Date May 10 1881Tanner Machine. — Reel. 1Turns 18 Cor. + — Depth 18 fmsShot or lead —Bottom —Bottom temperature —No. of Thermometer 63902 Cor. —Corrected temperature 41.5°Air 40 Surface 44 Drift. —Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2299 Hyd. Date May 24 1881

Tanner Machine. — Reel.

Turns 16 Cor. + — Depth 16 f

Shot or lead 28 lb. 0

Bottom

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature

Air 45 Surface 44 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2501* Date

Machine. Reel.

Turns *12* Cor. + *—* Depth *12*

Shot or lead

Bottom

Bottom temperature

No. of Thermometer *65702* Cor. *—*Corrected temperature *39.° 3*Air *44* Surface *44* Drift.

Trawl or dredge or tangles

SOUNDING WIRE		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2301 Date

Machine. — Reel.

Turns 1 Cor. + — Depth 15

Shot or lead

Bottom

Bottom temperature 41No. of Thermometer 5462 Cor. —Corrected temperature 41°Air 44 Surface 44 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 280 / Date

Machine. Reel.

Turns 16 Cor. + - Depth 16

~~Shot or lead~~ 28 lbs.

Bottom

Bottom temperature 41°

No. of Thermometer 6852 Cor. -

Corrected temperature 41°

Air 44 Surface 44 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2005 Date

Machine. Reel.

Turns 11 Cor. + Depth 11

Shot or lead

Bottom

Bottom temperature 41

No. of Thermometer 6002 Cor. —

Corrected temperature 41°

Air 44 Surface 44 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*W. F. P.*  
 No. *230* Date *May 29/90.*  
 Name *Lead* Machine. Reel.  
 Turns Cor. | Depth *13 fms.*  
 Shot or lead *12 lbs.*  
 Bottom *S.*  
 Bottom temperature  
 No. of Thermometer Cor.  
 Corrected temperature  
 Air *42* Surface *44* Drift.  
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3307 Date May 29 1882

Machine. Reel.

Turns — Cor. + — Depth 14

Shot or lead 12 lbs.

Bottom fine g. s.

Bottom temperature

No. of Thermometer — Cor. —

Corrected temperature

Air 44 Surface 46 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2-00-0

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

0-1-11

No. *2306* Date *May 2 1884*  
*Hand* Machine. Reel.

Turns — Cor. + — Depth *13*

Shot or lead *12 lbs*

Bottom *bk. G.*

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature

Air *44* Surface *46* Drift.

Trawl or dredge or tangles

*1111*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *3307* Date *May 29 1880**Hand* Machine. Reel.Turns — Cor. + — Depth *16*Shot or lead *12 lbs*Bottom *fine g. s. br. sp.*

Bottom temperature

No. of Thermometer — Cor. —

Corrected temperature

Air *44* Surface *45* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*P. M.*  
*3-10-0*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2* Date *May 9<sup>th</sup> 90*  
*Hand Lead* Machine. Reel.

Turns — Cor. + — Depth *22 fms.*

Shot or lead *12 lbs.*

Bottom *fine gy S*

Bottom temperature

No. of Thermometer — Cor.

Corrected temperature

Air *44* Surface *45* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4-21-0</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1507

No. 2309 Hyd. Date May 29<sup>th</sup> 1881

How? Trawl Machine. - Reel.

Turns — Cor. + — Depth 62

Shot or lead 12 lbs.

Bottom Rky. & sh. sh.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 44 Surface 47 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.02.00	5.14.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

#### SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2310 Hyd. Date May 29<sup>th</sup> 189

Hand lead Machine. — Reel.

Turns — Cor. + — Depth 22 fms.

Shot or lead 12 lbs.

Bottom S. & M. sh.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 44 Surface 45 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5. 40.00	5. 43.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2311 Head Date Mar 29<sup>th</sup> 1891

Hand lead Machine, — Reel.

Turns — Cor. + — Depth 2

Shot or lead 12 lbs.

Bottom fine. H. S.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 44 Surface 45 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

6.20.00

1.20.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2312 Date 7/

Tanner Machine. — Reel. |

Turns 16 Cor. + — Depth 16~~Shot or lead~~ 28Bottom Rky. & Sh.Bottom temperature 41°No. of Thermometer 53462 Cor. —Corrected temperature 41°Air 45 Surface 45 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 313 Hyd. Date May 24

Hand lead Machine. — Reel. 1

Turns — Cor. + — Depth 17 fms.

Shot or lead 12 lbs.

Bottom G. x bk. S.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 44 Surface 44 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

7.35.00 7.38.00

## TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

## DREDGE ROPE.

DOWN.

UP.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

T. 6. B.

No. 2314 Date

Machine. Reel.

Turns Cor. 1

Depth 15 1/2 fms.

Shot or lead

Bottom G.

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 47° Surface 47° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS:

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

J.E.B.  
507

No. 2315 Date May 29<sup>th</sup> 90  
Hand Lead Machine. Reel.

Turns — Cor. + — Depth 13 fms

Shot or lead 12 lbs.

Bottom R.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 45 Surface 45 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.36.30	8.40.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

107  
*APR*

No. *2316* Hy Date *May 30/90*  
*Hand Lead* Machine. Reel.

Turns — Cor. + — Depth *16*

~~Shot or lead~~ *12 lbs.*

Bottom *brk s & brk sh.*

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air *41* Surface *42* Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>A.W</i>				
<i>4-25-0</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.